

Application No. 10/611,796

Attorney Docket No. P16563

AMENDMENT TO THE ABSTRACT

Briefly, a re-timing buffer system that may insert or remove dummy data during frequency translation. For example, in response to detection of a dummy data, detection of an overflow and underflow state may occur. In response to an overflow state, the dummy data may be skipped over a contents of a next storage location may be read out. In response to an underflow state, a duplicate of previously read out data may be provided. For example, in response to an underflow state, at least one duplicate of previously read out data may be provided. For example, the duplicate of previously read out data may exclude dummy data and be independent of content of data. For example, in response to an overflow state, dummy data may be skipped over and a next storage location may be read out.